

Sea Link

Volume 6: Environmental Statement

Document 6.4.2.9

Part 2 Suffolk

Chapter 9

Noise and Vibration - Figures

Planning Inspectorate Reference: EN020026

Version: B

September 2025

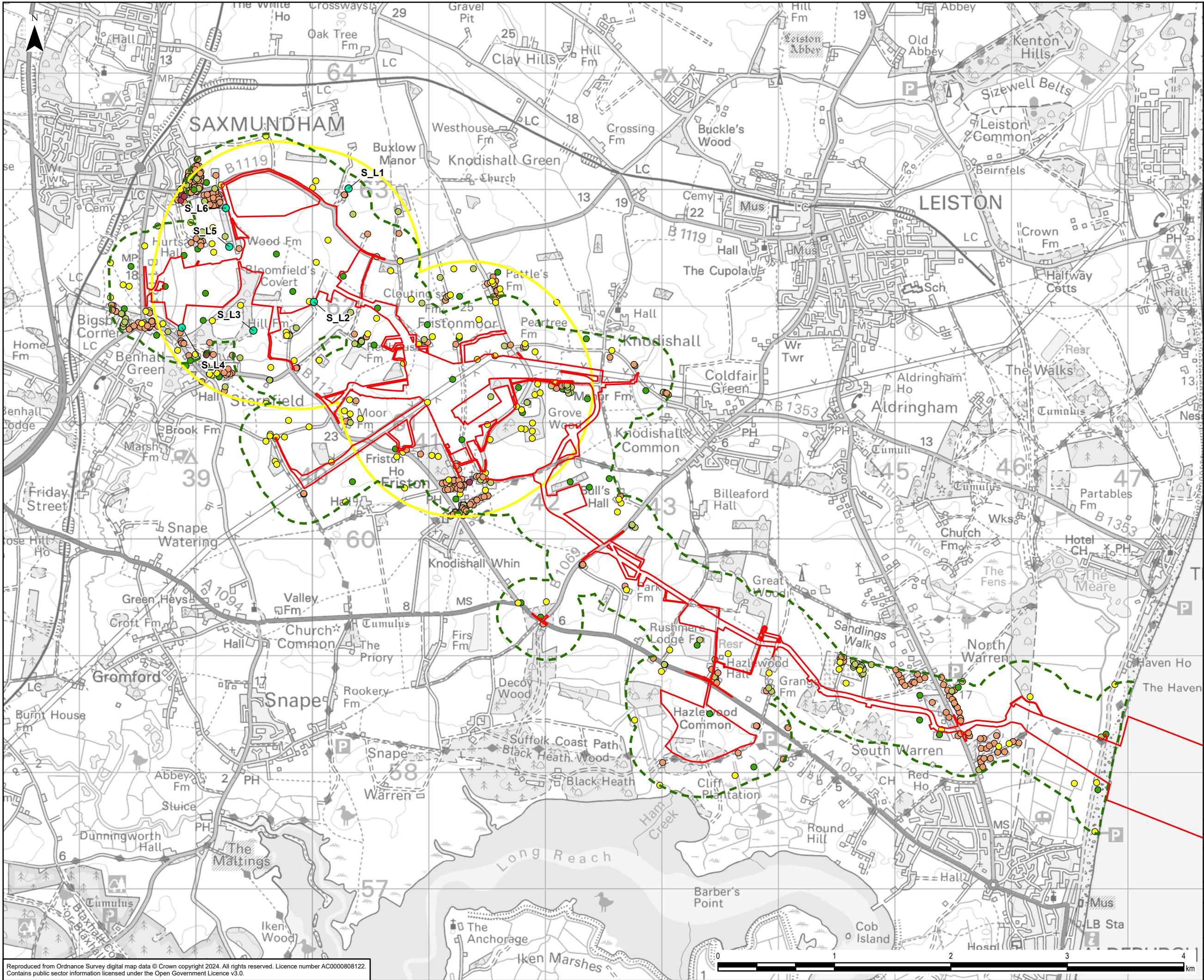
Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(a)

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Version History			
Date	Issue	Status	Description/ Changes
March 2025	A	Final	For DCO submission
September 2025	B	Final	Update to reflect S89(3) Procedural Decision from the Examining Authority



Legend

Draft Order Limits

300m Construction Noise Study Area

1km Operational Study Area

Noise Survey Locations

Address Receptor

Attraction, Sports and Entertainment

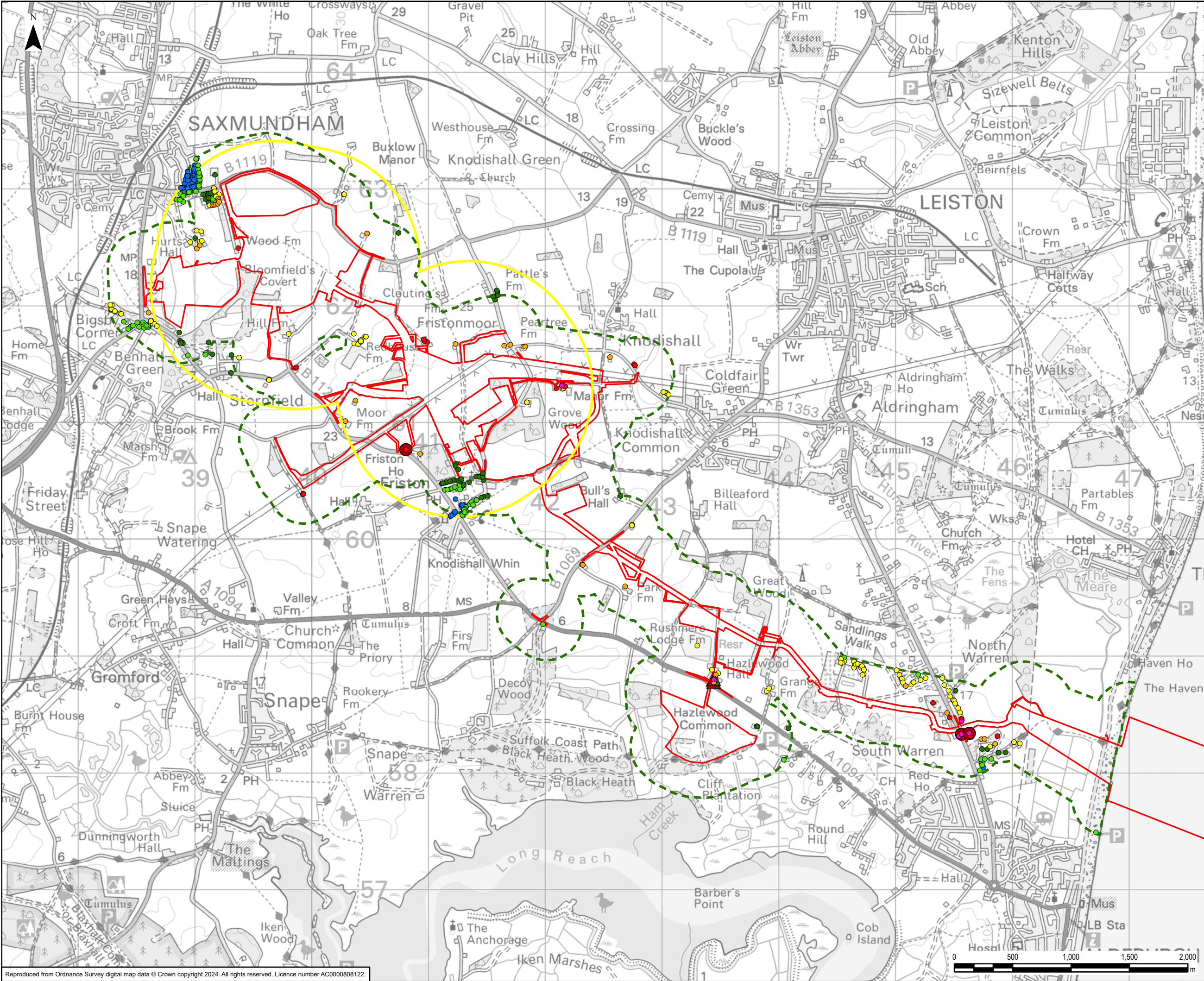
Commercial

Community Services

Residential

Other

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: NOISE STUDY AREAS, SURVEY LOCATIONS, AND POTENTIAL RECEPTORS - SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.2.9.1	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	



Legend

- Draft Order Limits
- 300m Construction Noise Study Area
- 1km Operational Study Area

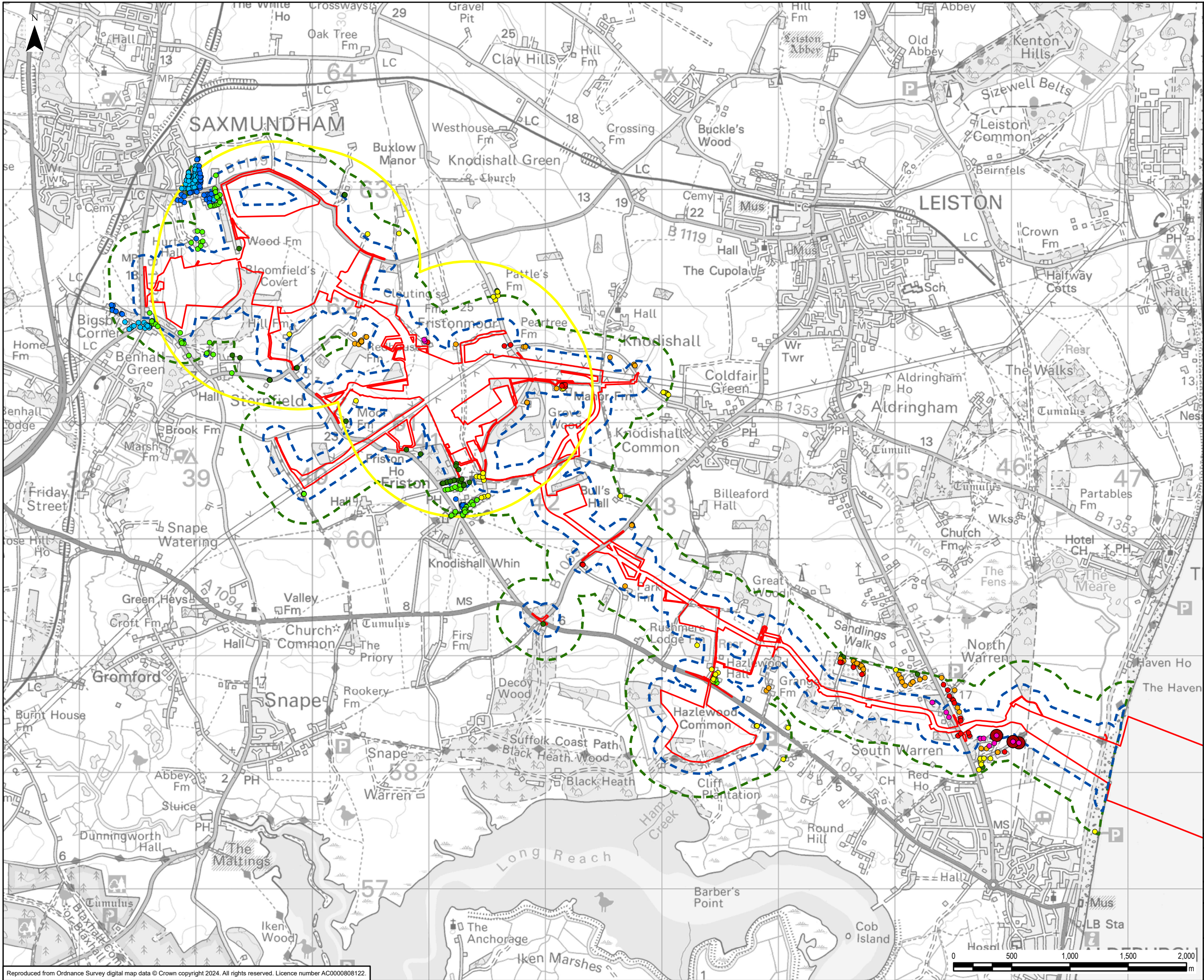
Day Levels (dBA)

- 41 - 45
- 46 - 50
- 51 - 55
- 56 - 60
- 61 - 65
- 66 - 70
- 71 - 75

Day Significance (Without Mitigation)

- ▲ Significant Adverse Effect - Non-Residential
- Significant Adverse Effect - Residential

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: CONSTRUCTION NOISE ASSESSMENT OUTPUTS (DAYTIME - WITHOUT MITIGATION) - SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.2.9.2	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	



Legend

- Draft Order Limits
- 300m Construction Noise Study Area
- 1km Operational Study Area

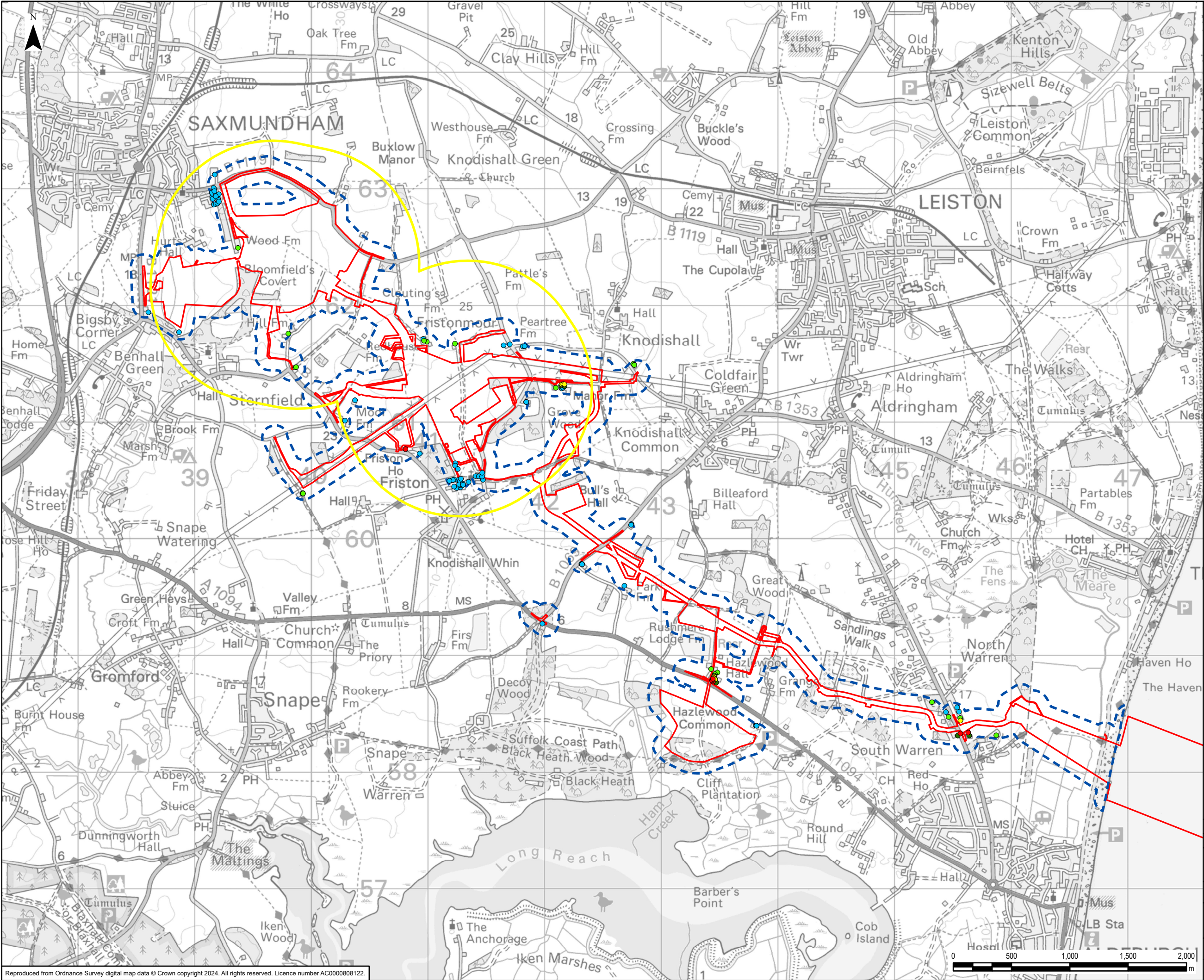
Night Levels (dBA)

- < 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30
- 31 - 35
- 36 - 40
- > 40

Night Significance (Without Mitigation)

- Significant Adverse Effect - Residential
- 100m Construction Vibration Study Area

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
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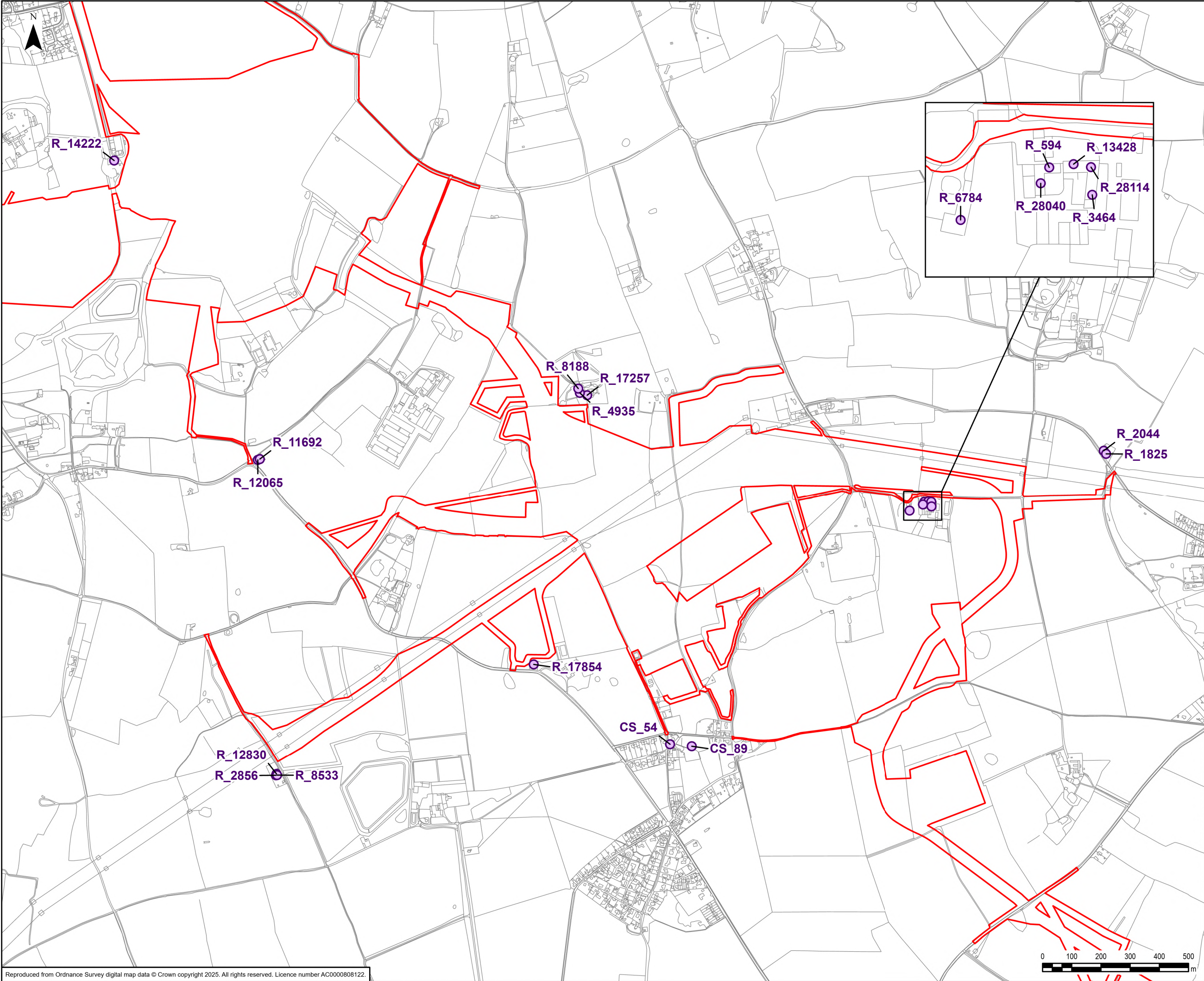
Legend

- Draft Order Limits
- 100m Construction Vibration Study Area
- 1km Operational Study Area

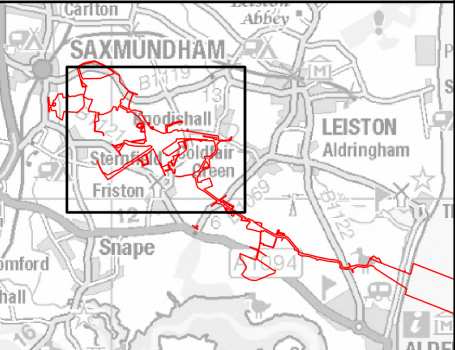
Vibration Levels (mm/s PPV)

- < 0.1
- 0.11 - 0.25
- 0.26 - 0.49
- 0.5 - 0.99
- > 1

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
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Document Title: CONSTRUCTION VIBRATION ASSESSMENT OUTPUTS (WITHOUT MITIGATION) - SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.2.9.4	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	



- Legend
- Draft Order Limits
 - Construction Noise and Vibration 'Hot-Spot' Receptor



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Rev	Date	Description	GIS	Chk	App

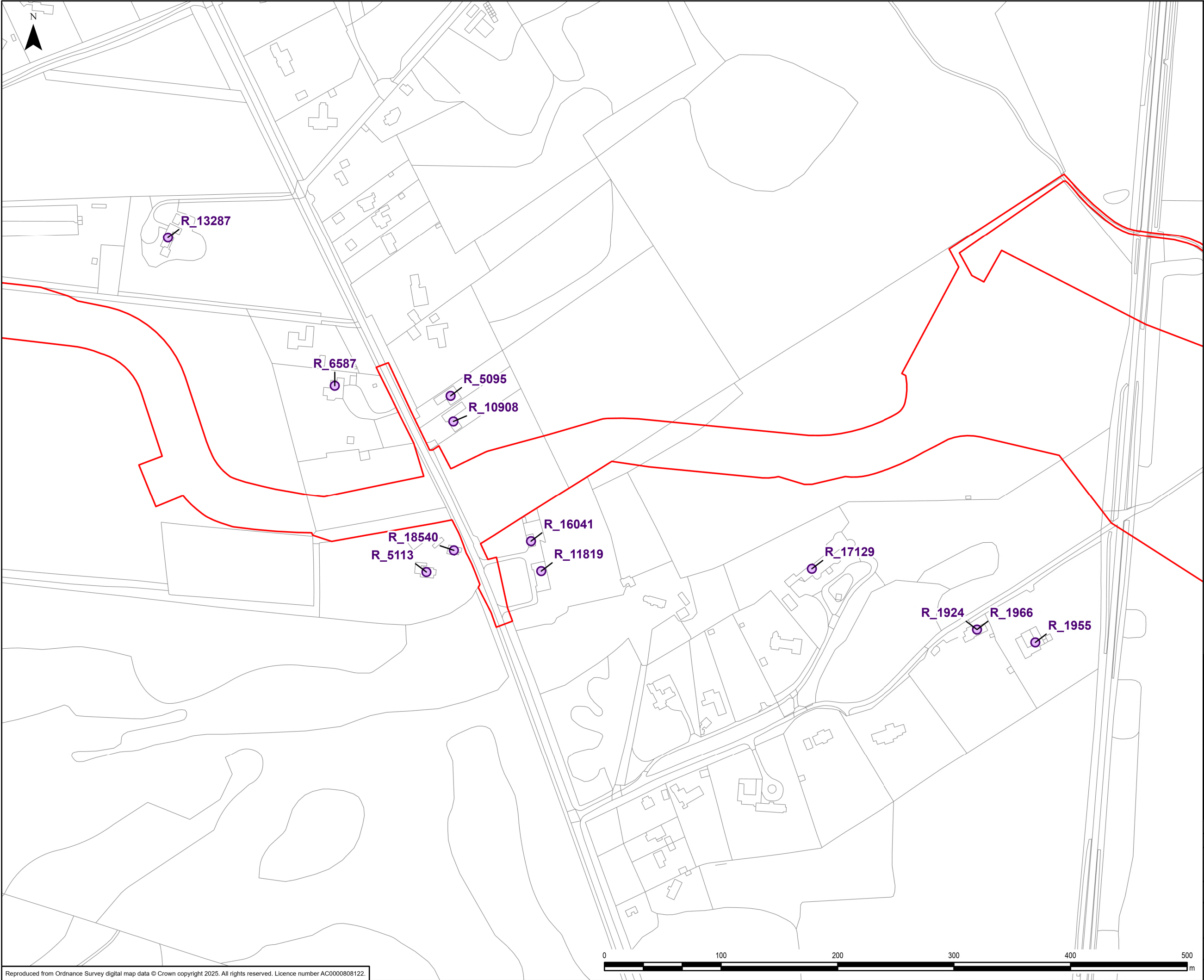
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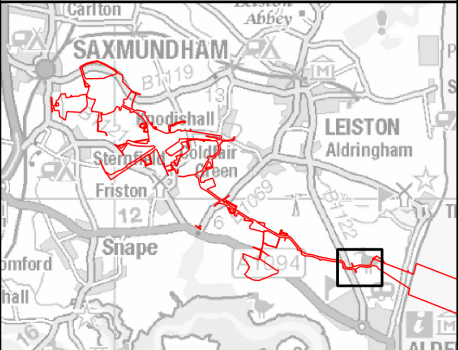
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CONSTRUCTION NOISE AND VIBRATION 'HOT-SPOT' RECEPTOR LOCATION IDS – SUFFOLK ONSHORE SCHEME

Creator: EB	Date: 12/09/2025	Checker: DF	Date: 12/09/2025	Approver: DG	Date: 12/09/2025
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- Legend
- Draft Order Limits
 - Construction Noise and Vibration 'Hot-Spot' Receptor



0	12/09/2025	EXAMINING AUTHORITY REQUEST (5TH SEPTEMBER)	EB	DF	DG
Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: SEA LINK

Document Title:
CONSTRUCTION NOISE AND VIBRATION 'HOT-SPOT' RECEPTOR LOCATION IDS – SUFFOLK ONSHORE SCHEME

Creator: EB	Date: 12/09/2025	Checker: DF	Date: 12/09/2025	Approver: DG	Date: 12/09/2025
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